

David B Cooper

List of Publications by Year in descending order

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Version: 2024-02-01

18
papers

629
citations

1040056

9
h-index

1372567

10
g-index

18
all docs

18
docs citations

18
times ranked

237
citing authors

#	ARTICLE	IF	CITATIONS
1	Simple Parallel Hierarchical and Relaxation Algorithms for Segmenting Noncausal Markovian Random Fields. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1987, PAMI-9, 195-219.	13.9	192
2	On Optimally Combining Pieces of Information, with Application to Estimating 3-D Complex-Object Position from Range Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1986, PAMI-8, 619-638.	13.9	131
3	Computational reconstruction of ancient artifacts. IEEE Signal Processing Magazine, 2008, 25, 65-83.	5.6	56
4	Maximum Likelihood Estimation of Markov-Process Blob Boundaries in Noisy Images. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1979, PAMI-1, 372-384.	13.9	40
5	Axially Symmetric 3D Pots Configuration System Using Axis of Symmetry and Break Curve. , 2013, , .		30
6	Solving Square Jigsaw Puzzles with Loop Constraints. Lecture Notes in Computer Science, 2014, , 32-46.	1.3	30
7	Solving Small-Piece Jigsaw Puzzles by Growing Consensus. , 2016, , .		29
8	3-D Space Location and Orientation Parameter Estimation of Lambertian Spheres and Cylinders From a Single 2-D Image By Fitting Lines and Ellipses to Thresholded Data. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1984, PAMI-6, 430-441.	13.9	25
9	Implementation, Interpretation, and Analysis of a Suboptimal Boundary Finding Algorithm. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1982, PAMI-4, 167-182.	13.9	22
10	Multiple-Window Parallel Adaptive Boundary Finding in Computer Vision. IEEE Transactions on Pattern Analysis and Machine Intelligence, 1983, PAMI-5, 299-316.	13.9	21
11	Ray Markov Random Fields for image-based 3D modeling: Model and efficient inference. , 2010, , .		18
12	Solving Square Jigsaw Puzzle by Hierarchical Loop Constraints. IEEE Transactions on Pattern Analysis and Machine Intelligence, 2019, 41, 2222-2235.	13.9	13
13	Estimating a-priori Unknown 3D Axially Symmetric Surfaces from Noisy Measurements of Their Fragments. , 2006, , .		9
14	REVEAL intermediate report. , 2010, , .		7
15	Covariant-Conics Decomposition of Quartics for 2D Shape Recognition and Alignment. Journal of Mathematical Imaging and Vision, 2003, 19, 255-273.	1.3	6
16	On Interactive Object Shape Modeling Using Algebraic Curves. Journal of Signal Processing Systems, 1998, 20, 151-161.	1.0	0
17	NorMaL: Non-compact Markovian Likelihood for change detection. , 2008, , .		0
18	Distributed volumetric scene geometry reconstruction with a network of distributed smart cameras. , 2009, , .		0